

PATENT
APPLICATION NO.: 10/662,374
Attorney Docket No.: ST3001-0066
Response and Amendment

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) An LED lamp for a light source of a headlamp having a projection means which has a focus, characterized in a combination of a light source ~~select~~ selected from the groups consisting of an LED chip and a white LED light emitter, and a fluorophor, the light source and fluorophor disposed in the vicinity of the focus of the projection means, and a shielding member covering a portion of said light source in a shape allowing a light distribution characteristic suitable for a headlamp of a vehicle to be obtained when light from said light source is magnified and projected in an illumination direction by said projection means;

wherein a surface of said shielding member opposing the light source has a mirror finish that is inclined for reflecting light in the direction of a non-shielded portion of the light source.

2. (Previously Presented) The LED lamp for the light source of the headlamp of claim 1, further characterized in that said shielding member is disposed to form a gap of 2 mm or less from said light source.

3. (Canceled):

4. (Canceled):

5. (Currently Amended) The LED lamp for the light source of headlamp of claims 1 or 2, further characterized in that said shielding member shields the portion of said light source in

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which highest intensity occurs or of an edge in the vicinity thereof.

6. (Previously Presented) The LED lamp for the light source of headlamp of claims 1 or 2, further characterized in that a wavelength conversion member is interposed between said light source and said shielding member.

7. (Previously Presented) The LED lamp for the light source of the headlamp of claims 1 or 2, further characterized in that a lens member or window glass member covering said light source is integrated with said shielding member.